

**AUXILIARY LINE CIRCUITS  
PREPAYMENT COIN SERVICE  
OPERATION TEST  
USING TEST SET SD-90469-02 (J94710A)  
STEP-BY-STEP SYSTEMS**

**1. GENERAL**

- 1.01 This section describes a method of testing auxiliary line circuits in step-by-step offices using the SD-90469-02 (J94710A) test set.
- 1.02 This section is reissued to delete testing information for coin control connectors. Since this reissue covers a general revision arrows ordinarily used to indicate changes have been omitted.
- 1.03 This test checks for operator coin control operation when the auxiliary line circuit is used with prepayment coin subscriber lines.
- 1.04 Local instructions should be followed with reference to recording any register operations caused by performing these tests.
- 1.05 All keys, jacks and lamps referred to are located at the test set unless otherwise specified.

- 1.06 The tests should preferably be made during periods of light traffic.
- 1.07 Lettered Steps: The letters a, b, c, etc., are added to a step number to indicate that the steps cover an action which may or may not be required, depending on local conditions. The conditions under which a lettered step or series of steps should be made are given in the action column, all the steps governed by the same letter. When a condition does not apply, the associated steps should be omitted.

**2. APPARATUS**

- 2.01 Test set, J94710A (SD-90469-02).
- 2.02 Test telephone set - 52A Head Telephone set (for use with the J94710A test set).
- 2.03 Patching cord - P3E cord, 6 feet long (3P6D cord) equipped with two No. 310 plugs (or equivalent) (for connecting battery and ground to test set).
- 2.04 Testing cord - W3A cord, 12 feet long, equipped with a No. 310 plug and three KS-6780 clips (3W3A cord) (for connecting the T jack to tip, ring and sleeve of the auxiliary line circuit).

**3. PREPARATION**

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
1	Connect BAT G jack to frame battery supply jack  <u>Note:</u> Connect cord to test set first and, when disconnecting, remove from test set last	
2	Connect test telephone set to TEL jack and operate TRS key	

**4. METHOD**

<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
3	Connect T jack to T, R, S terminals of auxiliary line circuit C.D.F. block	If BSY lamp is lighted disconnect or wait until lamp is extinguished

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<u>STEP</u>	<u>ACTION</u>	<u>VERIFICATION</u>
4a	If trunk is arranged for dial tone before coin deposit - Operate DL ST, CBT LP keys	Dial tone heard
5a	Operate CN key	
6b	If trunk is arranged for dial tone after coin deposit - Operate DL ST, CBT LP keys	No dial tone heard
7b	Operate CN key	Dial tone heard
8	Dial operator code ( )	Operator answers Dial tone removed, REV lamp lighted CR lamp lighted for 1/2 sec.
9	Request operator to establish the necessary connections and apply coin return current	CR lamp flashes at 1/2 sec. intervals
10	Restore CN key	CR lamp extinguished
11	Operate FL key	Operator disconnects REV lamp extinguished
12	When testing is completed restore keys Disconnect testing cords	